

```

# Calibration using NSE score on Q
cal_nse <- CalGR(PrepGR = prep,
                CalCrit = "NSE",
                transfo = "",
                WupPer = c("1999-01-01", "2001-12-31"),
                CalPer = c("2002-01-01", "2016-12-31"))

# Calibration using KGE score on Q
cal_kge <- CalGR(PrepGR = prep,
                CalCrit = "KGE",
                transfo = "",
                WupPer = c("1999-01-01", "2001-12-31"),
                CalPer = c("2002-01-01", "2016-12-31"))

# Combination of observed and simulated streamflow
tab_crit <- data.frame(Date = as.POSIXct(cal_nse$OutputsModel$DatesR),
                      Qobs = cal_nse$Qobs,
                      Qsim_nse = cal_nse$OutputsModel$Qsim,
                      Qsim_kge = cal_kge$OutputsModel$Qsim)

# Graphical comparison
col_crit <- c("black", rep("orangered", 2))
lty_crit <- c(1, 1:2)
matplot(x = tab_crit$Date, y = tab_crit[, -1],
        xlab = "time [d]", ylab = "flow [mm/d]",
        type = "l", lty = lty_crit, lwd = 2, col = col_crit,
        xlim = as.POSIXct(x = c("2004-01-01", "2004-03-01"), tz = "UTC"))
legend("topleft",
      legend = c("Qobs", "Qsim NSE", "Qsim KGE"),
      lty = lty_crit, lwd = 2, col = col_crit)

```